Enterprise IT Initiative

Update

Task Force Enterprise:

5th Signal Command, USAREUR, and IMA-EURO

16 Dec 05

Purpose

Provide an update to the CofS IMA-EURO on Army in Europe initiatives to manage the IT infostructure as an enterprise

Agenda

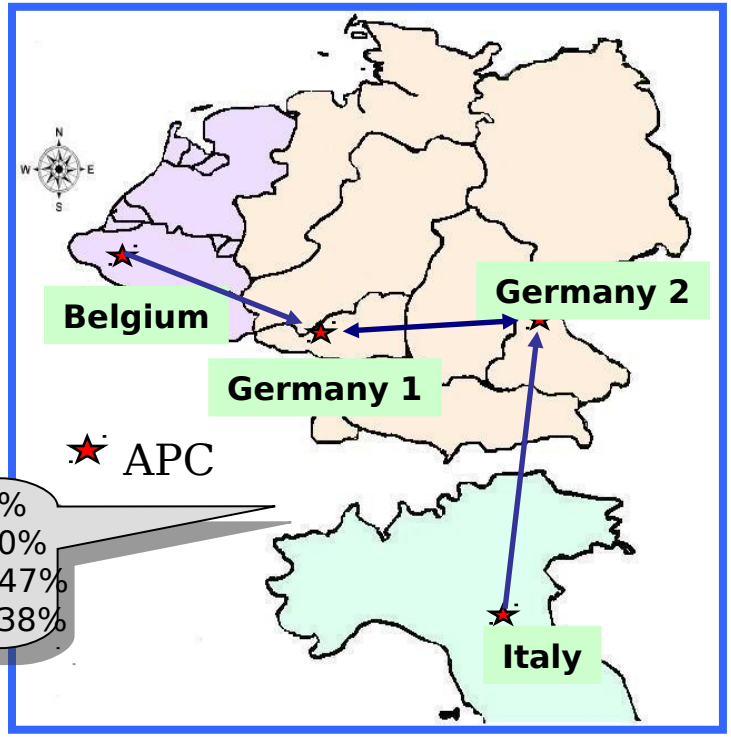
- Enterprise Initiatives
- Server/Service Consolidation
- What's in an APC/LPC?
- Enterprise Management
- Way Ahead

Enterprise Initiatives

- Active Directory
  - NIPR Complete, SIPR 98% migrated
- Server/Service Consolidation
  - IT services in Area/Local Processing Centers (APC/LPC)
- Knowledge Management Portal
  - SharePoint & SRU application
- Collaboration
  - Enterprise IWS

Server Consolidation

- **APC/LPC:** Four Area/Local Processing Centers supporting regional customers.
  - Centralized server management
    - Internet/Intranet Website Hosting
    - Common-User Application Hosting
    - MS Exchange
    - File Storage
    - IA “Patch” Management
  - Distributed apps management
  - Theater COOP (APC)
  - Theater Help Desk & Break/Fix
  - Standard security enforcement



BENELUX	~ 5%
Italy	~ 10%
Germany (W)	~ 47%
Germany (E)	~ 38%

Current Status

-Benelux LPC IOC Dec 05
-Italy LPC IOC JUN 06
-Ktown APC COOP IOC DEC 05
-Grafenwoehr APC IOC JUN 06

“Server Farms” Before and After

Before…

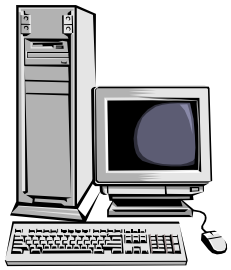
After

What is in the APC/LPC?

In the APC/LPC

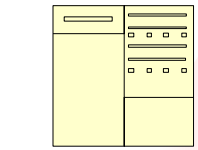
APC K

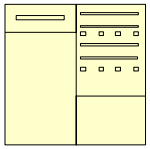
- CHANGE MGT SERVER
- SQL SERVERS
- INTRANET WEB SERVERS
- APPLICATION SERVERS
- EXCHANGE SERVERS
- DNS SERVERS
- DHCP SERVERS
- FILE SERVERS
- DOMAIN CONTROLLER(S)
- SUS SERVERS
- CLUSTERED SERVERS



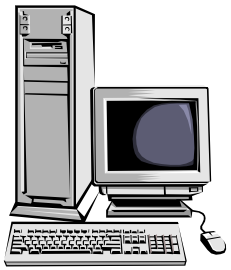
APPROVED STAMIS SYSTEMS

Regional but Not necessarily Located in the APC/LPC



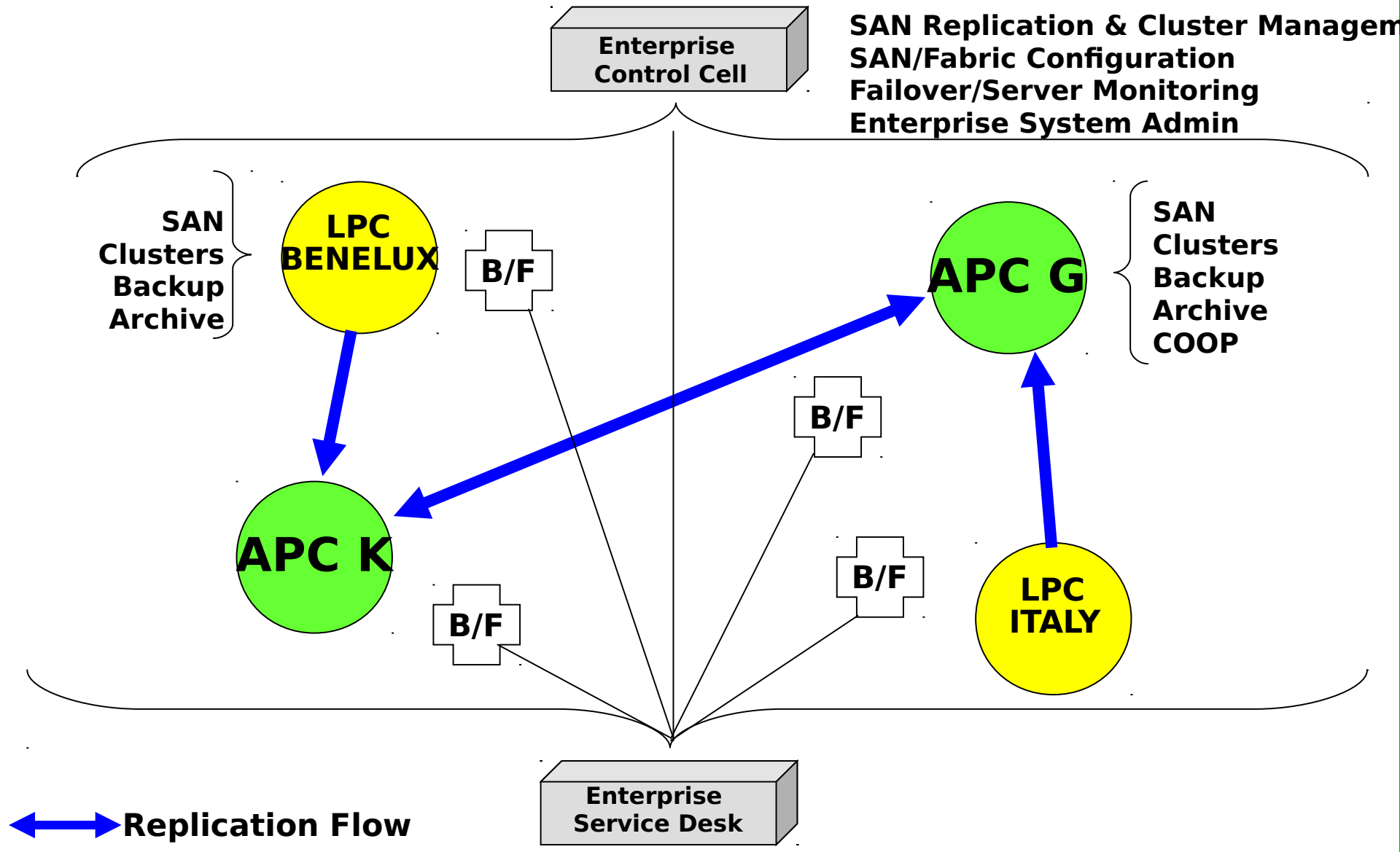


- Domain Controller(s)
- IAVA Server(s)
- Proxy Server(s)
- NETWORK Monitors



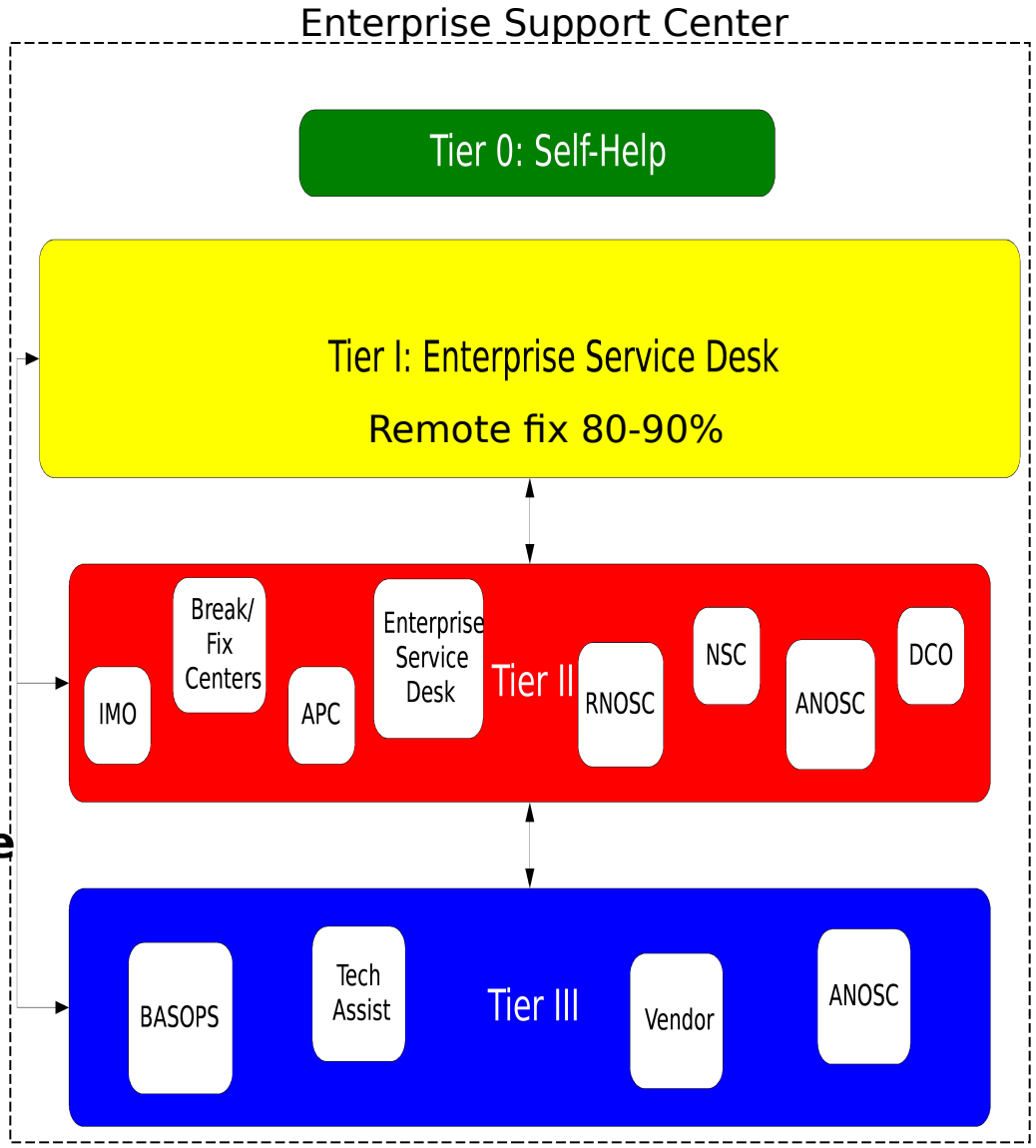
DEPLOYABLE STAMIS & BATTLE COMMAND SYSTEMS

The Theater APC/LPC Management



Enterprise Support

- ✓ **Enterprise Service Desk Phone Number: x119**
- ✓ **Standardized processes**
- ✓ **Implement Enterprise Ticketing System**
  - ➔ **End User visibility of ticket resolution**
  - ➔ **Standardized processes and workflows**
  - ➔ **Increased management metrics**
  - ➔ **Improved trend analysis capability**
- ✓ **Implement and Manage Service Level Agreements (SLAs)**
- ✓ **Configuration Management**



Staffing the Enterprise

- **Requirements:**

	Req'd		5th Sig
Enterprise Service Desk	=	60	25
Enterprise Control Cell (staffed)	=	10	10
Area Processing Center (10x2)	=	20	20
Local Processing Centers (6x2)	=	12	12
Break-Fix Centers (22x ?)	=	TBD	TBD
Total	=	102	67
Delta	=		35

- **The delta will be met by obtaining OPCON assets from the supported units on a fair-share basis**
- **Units retain <u>all</u> other IT assets to fulfill their internal IT "housekeeping" functions**

Way Ahead

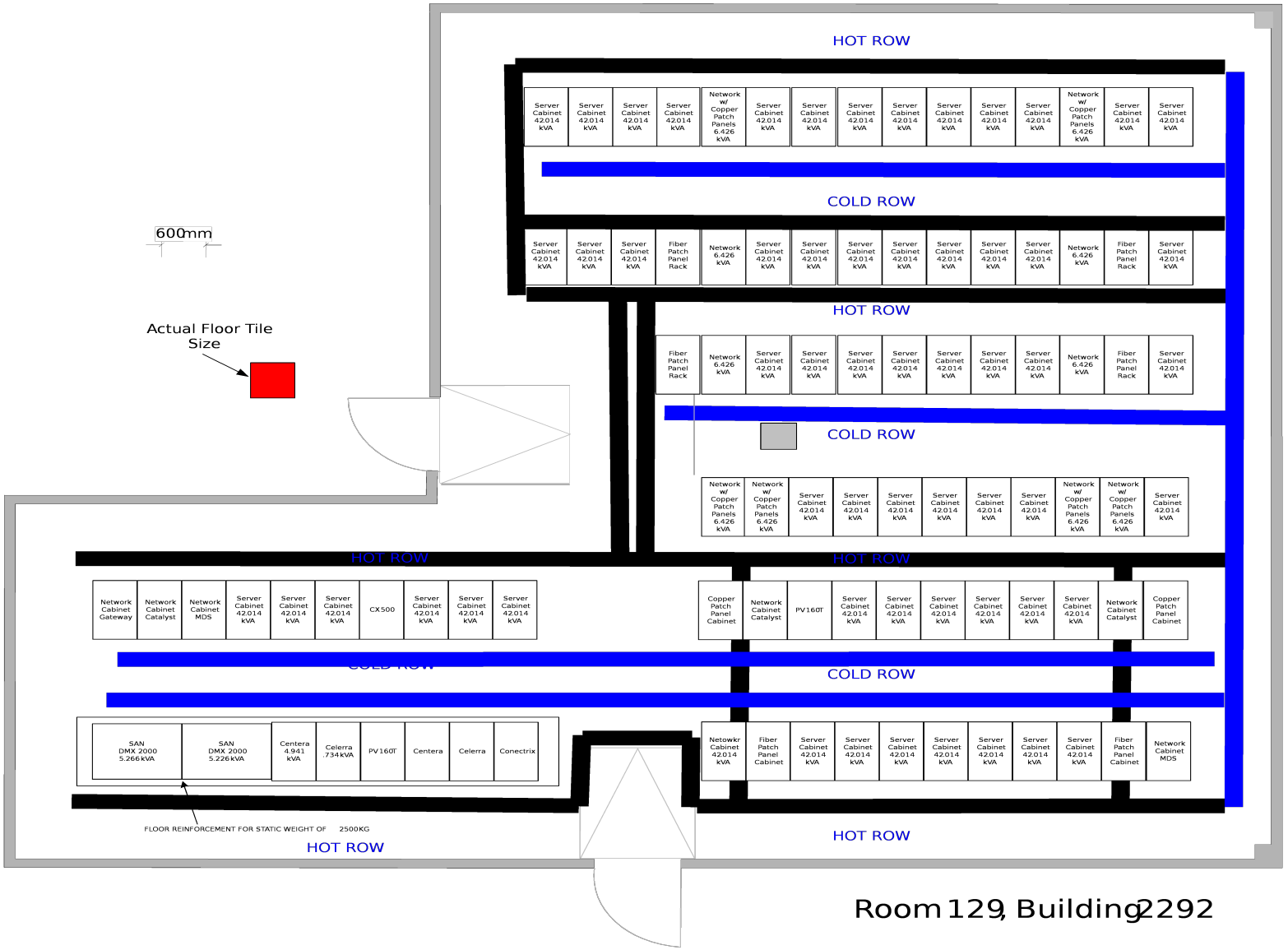
- Exchange 2003
  - SIPR: 31 DEC 05
  - NIPR – requires architecture and resources
- Enterprise management tool suite
  - Trouble ticketing, patch management, configuration management, monitoring, etc
- AD Integrated Applications – require architecture
  - SMS
- Tactical Forests
  - Integration plan for Generating Base

Questions?

Backup Slides

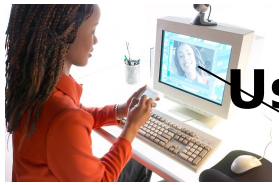
APC-K Facility Overview

APC-K Floor Layout



Room 129, Building 2292

Cluster Configuration



User/Clients connect to the Virtual Server

Virtual Server

PRIMARY (LPC-B)

CLUSTERA

COOP (APC-K)

CLUSTERB

Replication

Business Continuance Plan